

Title (en)

Process for manufacturing welded steel plate panels

Title (de)

Verfahren zum Herstellen geschweisster Stahlblechplatten

Title (fr)

Procédé de fabrication de panneaux de tôles d'acier soudés

Publication

**EP 0813929 B1 20020508 (DE)**

Application

**EP 97109438 A 19970611**

Priority

DE 19624776 A 19960621

Abstract (en)

[origin: EP0813929A1] A method of producing laser or electron beam welded steel sheets from stamped sections with non-linear weld seams, involves (a) press-forming shallow domes into one or more of the sections before stamping; (b) arranging the sections in pairs; and (c) pressing the domes against a support so that the welding edges of these sections adjoin the edges of another section. Preferably, the assembled edges are initially tack welded and then seam welded by a laser. When a plate of three or more parts is to be produced, at least two sections with preformed domes are preferably provided for correcting shape errors of the welding edges.

IPC 1-7

**B23K 26/00**; **B23K 37/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

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